



Prioritization 4.0 Update

Board of Transportation
May 2016



P4.0 Highway Changes

Scaling of criteria measures – better distribution of scores

Peak ADT – account for seasonal variations in traffic

Local contribution – larger impact on scoring

Statewide Travel Demand Model (NCSTM) – account for future traffic projections

Safety benefits – account for safety impacts of the proposed improvement

Multimodal/Freight – separate criteria and account for distance to terminals

Economic Competitiveness – focus on county economy

Accessibility/Connectivity – greater points to economically distressed counties

Criteria weights and measures slightly modified from P3.0

Prioritization 4.0

P3.0 & HB 97 Committed Projects

- Programmed for R/W or CON prior to 2021
- Not subject to reprioritization in P4.0
- Examples: I-26 south of Asheville, WS Eastern Beltway, I-85 Widening south of Salisbury, Southern Wake Freeway (western section), Completion of Fayetteville Loop, Havelock Bypass, Mid-Currituck Bridge

Projects submitted for P4.0 from October-November 2015

- Highways – 1200 (\$54B)
 - ~700 automatic carryovers from P3.0
 - ~500 new submittals
- Non-Highways – 750 (\$4B)
 - ~150 automatic carryovers from P3.0
 - ~600 new submittals

Prioritization Team Reviewed and Scored Projects

December 2015 – March 2016

SPOT closely coordinated with several NCDOT units

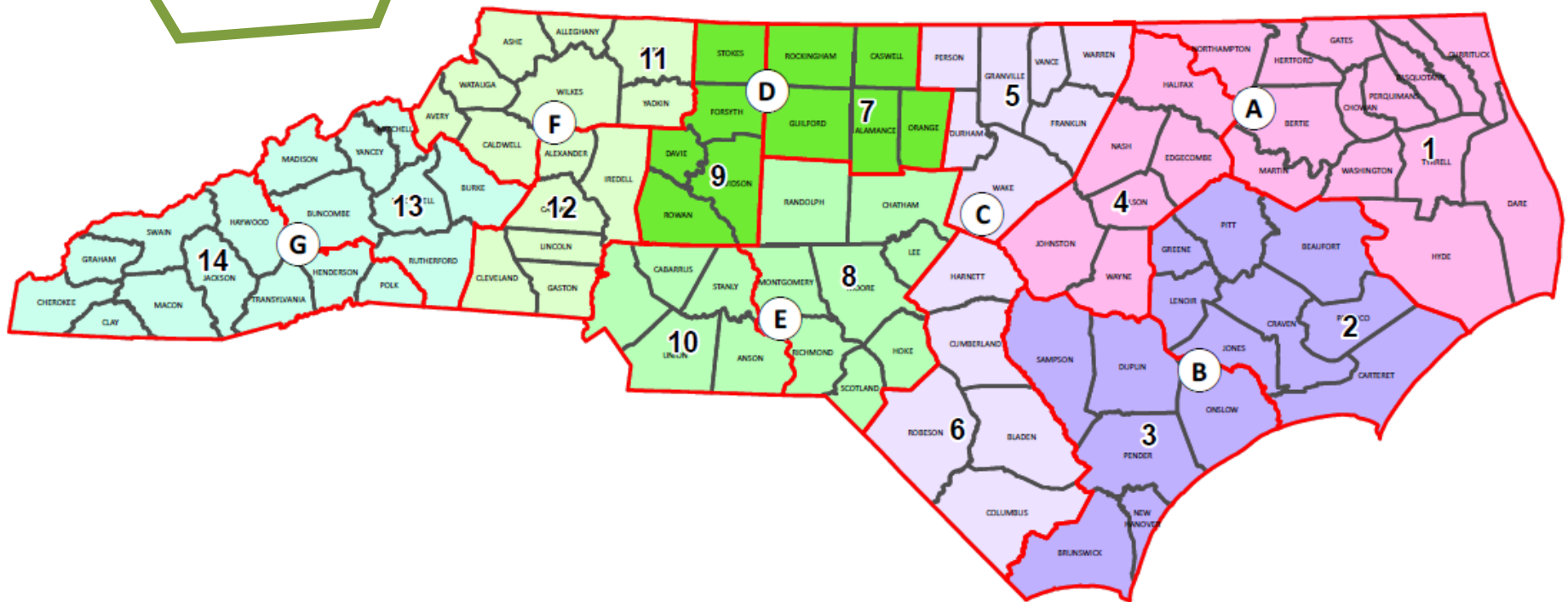
- Information Technology – Existing roadway data; SPOT On!ine
 - Mobility and Safety Division – Intersection/interchange projects; safety data
 - Project Development – Project limits (logical termini)
 - Program Development / Turnpike Authority – Costs and toll revenues
 - Transportation Planning – Statewide Model; Peak ADT
-
- Non-highway modal Divisions – Worked with each on mode-specific scoring

MPOs, RPOs, and Divisions had two week period to review all data inputs, prior to quantitative scores being calculated

Prioritization 4.0 – Summary of Top Scoring Statewide Projects

Project	County(s)
Carolina Connector Intermodal Rail Terminal	Johnston
US 70 interstate upgrade east of New Bern	Craven
US 117 (College Road) improvements in Wilmington	New Hanover
I-77 South managed lanes in Charlotte – I-485 to I-277 (Belk Freeway)	Mecklenburg
US 74 (Dixon Blvd) interchange improvements in Shelby	Cleveland
I-40/I-440/US 1/US 64 interchange in Raleigh	Wake
I-40 improvements in Greensboro	Guilford
US 64 improvements in Cary/Apex	Wake
US 70 improvements in Durham/Raleigh	Durham, Wake
I-85 widening near Gastonia – NC 273 to US 321	Gaston
NC 540 Toll - Southern Wake Freeway (Triangle Expwy SE Ext.)	Wake
I-40 managed lanes in Durham – US 15-501 to NC 147 (Durham Freeway)	Durham
US 17 interchange at NC 211 in Supply	Brunswick

regions & divisions



Prioritization 4.0 – Regional Impact Funding Availability (2018-2027)

Region	Total Allocation	Amount Programmed	Amount Available for P4.0 Projects
A (Divisions 1 & 4)	\$470,163	\$266,291	\$203,872
B (Divisions 2 & 3)	\$665,756	\$391,462	\$274,294
C (Divisions 5 & 6)	\$1,203,495	\$524,795	\$678,700
D (Divisions 7 & 9)	\$925,184	\$631,717	\$293,467
E (Divisions 8 & 10)	\$1,119,265	\$527,581	\$591,684
F (Divisions 11 & 12)	\$618,535	\$310,190	\$308,345
G (Division 13 & 14)	\$479,752	\$333,620	\$146,132
Total	\$5,482,150	\$2,985,656	\$2,496,494

Amounts shown are in \$1,000s

*Prioritization 4.0 – Top Scoring Regional Projects**

Region A (Divisions 1 & 4)

Project	County(s)
US 17 (Hughes Blvd) access management improvements in Elizabeth City	Pasquotank
US 301 access management improvements in Wilson	Wilson
Elizabeth City Signal System	Pasquotank
NC 42 widening west of Clayton	Johnston
US 17 interchange at Harvey Point Road / Wayne Fork Road	Perquimans
US 70 access management Improvements in Selma	Johnston
US 13 widening in Ahoskie	Hertford
US 13 widening east of Goldsboro	Wayne
I-95/US 70 interchange reconstruction	Johnston
Wilson Signal System	Wilson

*Based on Quantitative Scores Only (70% of total score)

*Prioritization 4.0 – Top Scoring Regional Projects**

Region B (Divisions 2 & 3)

Project	County(s)
Ellis Airport runway extension projects in Jacksonville	Onslow
Market Street / New Center Drive intersection improvements in Wilmington	New Hanover
NC 210 widening near Sneads Ferry	Onslow
Kinston Bypass	Lenoir
US 17 intersection improvements at NC 172 near Holly Ridge	Onslow
US 17 interchange at US 17 Bus (Marine Blvd)	Onslow
Greenville Signal System	Pitt
US 421 (Front Street) widening in Wilmington	New Hanover
US 17 widening north of New Bern	Craven

*Based on Quantitative Scores Only (70% of total score)

Note: Region B used Alternate Criteria for Highway Projects

*Prioritization 4.0 – Top Scoring Regional Projects**

Region C (Divisions 5 & 6)

Project	County(s)
NC 54 / McCrimmon Pkwy / NCRR grade separation in Morrisville	Wake
US 1 (Capital Blvd) freeway upgrade north of Raleigh	Wake
NC 147 extension (toll) to McCrimmon Pkwy in Morrisville	Wake
NC 54 widening from I-40 to Barbee Chapel Rd east of Chapel Hill	Durham
US 501 (Madison Blvd) improvements at multiple intersections in Roxboro	Person
I-40/US 15-501 area interchange improvements in Durham	Durham
US 74-76 intersection improvement at NC 87	Columbus
I-40/NC 54 area interchange improvements east of Chapel Hill	Durham
I-40 managed lanes	Wake, Durham

*Based on Quantitative Scores Only (70% of total score)

*Prioritization 4.0 – Top Scoring Regional Projects**

Region D (Divisions 7 & 9)

Project	County(s)
NC 68 (Eastchester Drive) superstreet in High Point	Guilford
Piedmont Triad Airport taxiway and apron improvements	Guilford
NS Rail siding improvements in Jamestown and Lexington	Guilford, Davidson
US 15-501 capacity improvements from NC 86 to Ephesus Church Rd in Chapel Hill	Orange
NC 54 superstreet east of Chapel Hill	Orange
Winston-Salem Western Beltway	Forysth

*Based on Quantitative Scores Only (70% of total score)

*Prioritization 4.0 – Top Scoring Regional Projects**

Region E (Divisions 8 & 10)

Project	County(s)
NC 16 (Brookshire Blvd) improvements east of I-85	Mecklenburg
US 29 improvements at Union Cemetery & Rock Hill Ch Roads in Concord	Cabarrus
US 74 widening west of Monroe	Union
US 74 access management improvements in Wadesboro	Anson
US 1 superstreet near Tramway	Lee
NS Charlotte Wye rail improvements	Mecklenburg
NC 73 widenings NC 115 to US 29 east of Huntersville and Beatties Ford Road to Northcross Road	Mecklenburg, Cabarrus
NC 16 (Providence Road) widening south of Weddington	Mecklenburg
Charlotte Gateway Station (Rail portion)	Mecklenburg
US 15-501 improvements at Pinehurst Traffic Circle	Moore
I-77 managed lanes	Mecklenburg

*Based on Quantitative Scores Only (70% of total score)

*Prioritization 4.0 – Top Scoring Regional Projects**

Region F (Divisions 11 & 12)

Project	County(s)
US 74 Shelby Bypass	Cleveland
US 321 widening south of Lenoir	Caldwell
NC 150 widening north of Mooresville	Iredell
US 21 widening in Mooresville	Iredell
NC 279 widening in Dallas east of US 321	Gaston
NC 180 widening in Shelby	Cleveland
US 321-421 widening west of Boone	Watauga
NC 150 widening west of Lincolnton	Lincoln

*Based on Quantitative Scores Only (70% of total score)

*Prioritization 4.0 – Top Scoring Regional Projects**

Region G (Divisions 13 & 14)

Project	County(s)
US 19-23 (Patton Ave) / NC 63 intersection improvements in Asheville	Buncombe
US 64 / US 276 / NC 280 intersection improvements in Brevard	Transylvania
NC 63 (Leicester Hwy) access management improvements	Buncombe
I-40 interchange at Blue Ridge Road	Buncombe
US 64-276 access management improvements in Brevard	Transylvania
US 74 from NC 143 north of Cheoah to NC 28 at Stecoah ¹	Graham
NC 226 widening in Marion	McDowell
US 70 (Tunnel Road) access management improvements in Asheville	Buncombe

*Based on Quantitative Scores Only (70% of total score)

¹Project is part of Corridor K and is partially funded with Appalachian Development Highway System funds

Prioritization 4.0 – Division Needs Funding Availability (2018-2027)

Region	Total Allocation	Amount Programmed	Amount Available for P4.0 Projects
Division 1	\$391,582	\$280,797	\$110,785
Division 2	\$391,582	\$255,033	\$136,549
Division 3	\$391,582	\$222,673	\$168,909
Division 4	\$391,582	\$201,058	\$190,524
Division 5	\$391,582	\$278,506	\$113,076
Division 6	\$391,582	\$193,567	\$198,015
Division 7	\$391,582	\$246,551	\$145,031
Division 8	\$391,582	\$251,070	\$140,512
Division 9	\$391,582	\$179,472	\$212,110
Division 10	\$391,582	\$288,291	\$103,291
Division 11	\$391,582	\$151,578	\$240,004
Division 12	\$391,582	\$212,616	\$178,966
Division 13	\$391,582	\$190,989	\$200,593
Division 14	\$391,582	\$168,271	\$223,311
Total	\$5,482,148	\$3,120,472	\$2,361,676

Amounts shown are in \$1,000s

Revised P4.0 Schedule of Key Dates

Date	Activity
April 13, 2016	Quantitative Scores and Draft list of Programmed Statewide Mobility Projects released
April 18, 2016 – July 29, 2016	Regional Impact Local Input Points assignment window open (Division Needs Local Input Points optional)
August 2016	NCDOT calculates Regional Impact total scores and programs Regional Impact projects
September – October 2016	Division Needs Local Input Point window opens for 2 months
November 2016	NCDOT calculates Division Needs total scores and programs Division Needs projects
December 2016	NCDOT prepares 2018-2027 Draft STIP
January 2017	2018-2027 Draft STIP released